1 2 3 4 UNITED STATES DISTRICT COURT WESTERN DISTRICT OF WASHINGTON 5 AT SEATTLE 6 7 ROSALBA MAYORGA. 8 Case No. C17-0934RSL Plaintiff, 9 ORDER GRANTING MOTION FOR 10 STATE OF WASHINGTON, et al., PARTIAL DISMISSAL 11 Defendants. 12 This matter comes before the Court on "Defendants' Motion for Partial Dismissal of 13 (Amended) Complaint for Discrimination and Retaliation." Dkt. # 14. Plaintiff's employment 14 15 with the Washington Department of Social and Health Services ("DSHS") was terminated in 16 May 2016. Plaintiff alleges that she had been denied reasonable accommodation for her 17

(Amended) Complaint for Discrimination and Retaliation." Dkt. # 14. Plaintiff's employment with the Washington Department of Social and Health Services ("DSHS") was terminated in May 2016. Plaintiff alleges that she had been denied reasonable accommodation for her disability and that both discriminatory and retaliatory animus motivated her termination. In this litigation, she has sued the State of Washington and DSHS for an unspecified declaration of rights (Count 1), violation of Title VII of the Civil Rights Act of 1964 (Counts 2-4), violation of Titles I and II of the Americans with Disabilities Act of 1990 ("ADA") (Counts 5-6), violation of § 504 of the Rehabilitation Act of 1973 (Counts 5, 6, and 8), violation of the Age Discrimination in Employment Act ("ADEA") (Counts 9-11), and retaliation and failure to accommodate in violation of the ADA (Counts 7 and 12). Defendants argue that they are

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¹ There are also references to intentional infliction of emotional distress, negligence, and constructive discharge in the amended complaint. Plaintiff disavows any intention to pursue state law

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immune from claims under Title I of the ADA and the ADEA and that plaintiff fails to state a viable claim for relief under Title II of the ADA.²

A. Eleventh Amendment Immunity

The Eleventh Amendment to the United States Constitution provides that "[t]he Judicial power of the United States shall not be construed to extend to any suit in law or equity, commenced or prosecuted against one of the United States by Citizens of another State, or by Citizens or Subjects of any Foreign State." While the plain language of the Eleventh Amendment does not expressly bar suits against a state by its own citizens, it is well established constitutional law that "an unconsenting State is immune from suits brought in federal courts by

In pressure pipes applications polypropylene is appreciated in hot water distribution systems inside buildings and/or when high chemical resistance is required.

Pipes wherein the polypropylene plastic material is used in the place of the abovementioned plastic materials are not usually used till now, in particular due to lower creep resistance or insufficient impact strength of the propylene polymer.

It is known today how to produce pipes of the polypropylene plastic material endowed with improved creep resistance and impact strength.

For example, according to international patent application WO 97/33117, one can obtain pipes of the polypropylene plastic material having high creep resistance, high longterm-pressure resistance, improved stiffness and resistance to rapid crack propagation as well. According to the said document, the catastrophic failure of a pipe of polypropylene plastic is prevented when the pipe is made of several layers of different polypropylene plastic material, wherein at least one layer consists of a broad molecular weight distribution (MWD) polypropylene that provides the high creep resistance and at least one layer consists of an elastomer-modified polypropylene that improves the impact strength. The said broad MWD polypropylene is a mixture of a very high molecular weight propylene random copolymer with 1-10 wt% of ethylene or a higher-α-olefin repeating units and of a low molecular weight propylene polymer with low (up to 1 wt%) or zero comonomer. The preferred comonomer is ethylene as it also appears from the examples, in which a propyleneethylene copolymer only is used.

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The applicant has now provided mono- or multilayer pipes with good mechanical properties, wherein at least one layer is made of the polypropylene material described hereinbelow.

In particular, the pipes of the present invention have improved burst pressure performances (creep resistance) but may also have a good balance of other mechanical features, in particular the pipes may be endowed with both high stiffness and impact resistance.

An important practical advantage of the pipes according to the present invention is that the polypropylene plastic material having the above properties can be made in one polymerisation step. Another advantage is that the pipes can be made of one layer only. The above advantages make the production of pipes easier and also more economic.

Therefore, the present invention provides polypropylene pipes having at least one layer made of a propylene polymer composition having a melt flow rate value of 2 g/10 min or less, the composition comprising (parts by weight):

- 1) 100 parts of a crystalline random copolymer of propylene with 2-15% by weight of a C₄-C₁₀ α-olefin or a crystalline random copolymer of propylene with 1-15% by weight of C₄-C₁₀ α-olefin and with 1-7% by weight of ethylene and being prepared by polymerising the monomers in a single polymerisation stage or in two or more sequential polymerisation stages or by blending the products of two or more separate polymerisation stages, the polymer product of each stage always containing not less than 2 wt% of comonomer(s) (namely ethylene and/or C₄-C₁₀ α-olefin);
- 2) 0 to 70 parts of an elastomeric polyolefin selected from the group consisting of:
 - a) a copolymer of ethylene with propylene and, optionally a diene, having an ethylene content of from 17 to 45 wt% and a propylene content from 55 to 83 wt%;
 - b) a copolymer of ethylene with a C₃-C₁₀ α-olefin having an ethylene/C₃-C₁₀ α-olefin weight ratio of from 29 to 86 wt% (¹³C-NMR analysis) and having a weight average molecular weight/number average molecular weight (Mw/Mn) ratio of less than 3.5; and
- 3) 0-30 parts of a polymer of ethylene having a melting temperature over 120° C and intrinsic viscosity of from 2 to 6 dL/g;

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with the proviso that when the elastomeric polyolefin (2) is present, the amount of polymer of ethylene (3) is at least 12 parts based on 100 parts of copolymer (1) and that at least one of the layer made of the said polymer propylene composition is substantially free from random copolymers of propylene with 15 wt% or less of ethylene as the sole comonomer..

The polymer composition has a melt flow rate (MFR) value preferably in the range of from 0.01 to 1 g/10 min, according to the method ASTM D 1238, condition L.

Preferably the said crystalline propylene random copolymer (1) has at least a broad enough molecular weight distribution. The value of the polydispersity index (PI) as a measure of the MWD is, therefore, 3 or more, preferably from 4 to 15.

The said crystalline copolymer has, preferably, a xylene-insoluble moiety at ambient temperature, i.e. at about 25° C, of at least 80% by weight, more preferably at least 85% by weight. The method for determining the xylene-insoluble moiety is disclosed hereinbelow.

When copolymer (1) is a propylene-butene-1 copolymer, it has preferably a butene-1 content of 5-10% by weight.

When copolymer (1) is a propylene-ethylene-butene-1 copolymer, it has preferably an ethylene content of 2-5% by weight and preferably a butene-1 content of 2.5-10% by weight.

Typically the said composition has burst pressure resistance at 20° C higher than 6.3 MPa, preferably equal to or higher than 8 MPa according to method ISO TR 9080, year1992.

Other typically properties of the composition of the present invention are the Izod impact resistance at -20° C higher than 5 kJ/m², preferably higher than 6 kJ/m², tensile strength at yield higher than 20 MPa, elongation at yield higher than 20%, strength at yield higher than 12 MPa, elongation at break higher than 200% and flexural modulus higher than 700 MPa.

The said polyolefin composition may also be blended with other polymers. Suitable elastomeric polymers are in particular ethylene-propylene copolymers (a) containing from 17 to 45% in weight of ethylene (such as EP rubbers), where optionally a portion from 5 to 15% in moles of the propylene with respect to the total weight of the copolymer is substituted by C_4 - C_8 higher α -olefins. Specific examples of said higher α -olefins are 1-butene, 1-pentene, 1-hexene, 4-methyl-1-pentene. Other examples are ethylene-propylene-diene terpolymers (EPDM rubbers) containing from 17 to 45% by weight of ethylene, and from 0.5 to 10% in moles of a diene, and where, as for the above mentioned EPR, a portion ranging from 5 to 15% in moles of the propylene can be substituted by C_4 - C_8 α -olefins. Preferred examples of

dienes for the EPDM rubber are 2-ethylidene-5-norbornene, dicyclopentadiene and 1,4-hexadiene. The said EPR and EPDM generally have a density of 0.88 g/mL or less. The density values cited herein are measured according to the ASTM-D 1505 method. The said EPR and EPDM typically have a medium or broad molecular-weight distribution expressed as Mw/Mn ratio, the said ratio is typically higher than 4, preferably higher than 5. The molecular weight is determined by the gel permeation chromatography analysis.

Copolymer (2)(b) has the Mw/Mn ratio preferably less than 3. Preferred examples are the poly(ethylene-co-octene-1). Even more preferred are those having a weight content of 1-octene ranging from 20 to 45% (according to ¹³C-NMR analysis). Preferably copolymer (2)(b) has a density of less than 0.89 g/mL.

When present, the elastomeric polyolefin (2) is preferably in quantities typically ranging from 2 to 70 parts by weight with respect to 100 parts by weight of crystalline random propylene copolymer (1).

Suitable polymers of ethylene (3) are selected from an ethylene homopolymer (such as HDPE) and poly(ethylene-co- C_3 - C_{10} - α -olefin) having the above-mentioned intrinsic viscosity measured in tetrahydronaphthaline at 135° C. The said copolymer contains a minor amount of comonomeric recurring units, such as from 0.5 to 20% by weight. The preferred comonomers are propylene and 1-butene. The said polymers of ethylene typically have a value of density of 0.91 g/mL or higher.

Such polymers of ethylene (3) are obtainable, for example, by polymerisation of ethylene in the gas phase or in suspension polymerisation using customary Ziegler catalysts or Philips catalysts. The polymers of ethylene (3) can also be obtained with the aid of metallocene catalysts.

Moreover, various additives conventionally used for polyolefins and polymer processing can be added into the propylene polymer composition. Such additives include mineral oil, inorganic fillers, processing aids, wax, colorants, plasticizers, carbon black, antioxidants and stabilizers, such as UV stabilizers, hindered phenols and HALS. The antioxidants are selected from those having long-term performances.

The said propylene polymer compositions are produced with conventional processes in apparatus equipped with mixing elements, such as an internal mixers or extruders.

The crystalline propylene random copolymers (1) can be prepared by a polymerisation process carried out in one or more stage(s). In the latter case, the polymerization process is